

H2MK-002 Axial module

1000V 100A

Inserts



Combination with hinged frame and other modules possible.

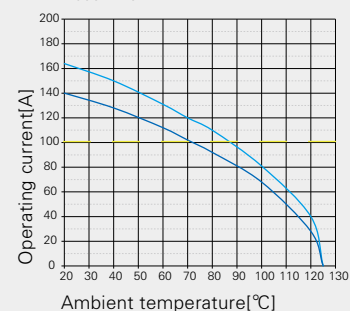
Technical characteristics

Specifications	DIN EN 60 664 DIN EN 61 984		
Approvals	   		
Inserts	Contacts		
Number of contacts	2	Material	copper alloy
Electrical dataacc. to EN 61 984		Surface	hard-silver plated
-Rated current	100A	Contact resistance	0.3mΩ
-Rated voltage	1000V	For stranded wire according	
-Rated impulse voltage	8kV	to IEC 60 228 Class 5	
-Pollution degree	3	Screw terminal	10-35mm ²
Rated voltage acc. to UL	600V	- Wire gauge	6-2
Insulation resistance	≥ 10 ¹⁰ Ω	- AWG	SW 4
Material	polycarbonate	- Hexagonal driver	13mm
Limiting temperatures	-40°C ...+125°C	- Stripping length	
Flammability acc. to UL 94	V0	- Tightening tourque	10 16 25 35
Mechanical working life		-mm ²	6 6 7 8
- mating cycles	≥ 500	-Nm	

Current carrying capacity

The current carrying is limited by maximum temperature of materials for inserts and contacts including terminals

Control and test procedures according to
DIN EN 60512-5

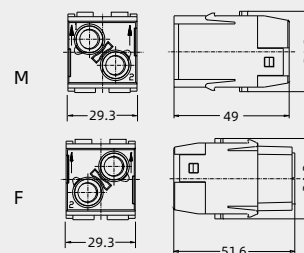


- 24 B hoods/housings with 3 modules, wire gauge: 35mm²
- 24 B hoods/housings with 3 modules, wire gauge: 25mm²

Axial screw terminal¹⁾



Insert	Wire gauge	Designation	Order No.
Male	10-25mm ²	H2MK-002.1-M (10-25mm ²)	129 002 011 0101
	16-35mm ²	H2MK-002.2-M (16-35mm ²)	129 002 011 0102
Female	10-25mm ²	H2MK-002.1-F (10-25mm ²)	129 002 021 0101
	16-35mm ²	H2MK-002.2-F (16-35mm ²)	129 002 021 0102



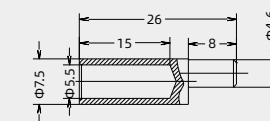
Accessories

Cable shoe 16mm²



Description	Designation	Order No.
for PE extension	PE-E16 ²⁾	198 002 006 0014

2) Use of PE pin is shown in P10-08.

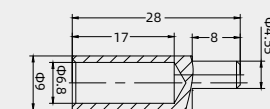


Cable shoe 25mm²



Description	Designation	Order No.
for PE extension	PE-E25 ²⁾	198 002 006 0020

2) Use of PE pin is shown in P10-08.
Suitable for metal frame: HFXB-NUA2/HFXB-NLA2

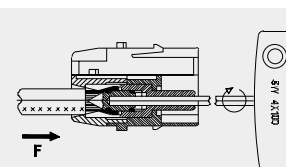


Tool

hexagonal driver



Description	Designation	Order No.
for axial setscrew with grip	SW-4*150	198 001 003 0001



1) See P00-12~00-13 for the structural characteristics and description of Axial screw terminal.